

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.yy**DAILY PROJECT JOURNAL****Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Report No:** DPJ-000270**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 07-Sep-2007**Location:** Changxing Island, Shanghai, China

Submittals(New / Total): **CWR's:** 1 / 1 **HSR's:** 0 / 0 **NCR's:** 0 / 2

Item	Title	Detail
1	Critical Weld Repairs (CWRs)	CWR001 - Third time repair of crack in root of 114m Tower Mock-up Skin Plate D
2	Major component movement	<p>QA observed welding on the 77m Tower Mock-up: Continue welding of Skin Plate Stiffeners, QA performed UT of Diaphragm SA104 - no relevant indications.</p> <p>QA observed welding on the 89m Tower Mock-up: Began fit-up and welding of Diaphragm p213.</p> <p>QA observed welding on the 114m Tower Mock-up: Continue welding of Skin Plate Splices.</p>
3	Meetings attended	<p>QA met with ABF and ZPMC at 1400 to discuss the schedule for tomorrow and the next day:</p> <p>General: Perform fillet weld macro-etch on PQR tomorrow. Perform re-test of side bends on PQR Friday or Saturday. 77m Tower Mock-up tomorrow and Friday: Continue welding, NDT and Heat Straightening of Skin Plates, ZPMC QC to perform UT on Diaphragm SA95. 89m Tower Mock-up: Weld Diaphragms p213 and p1235. 114m Tower Mock-up tomorrow and Friday: Continue welding, NDT and Heat Straightening of Skin Plates, Lower skin Plate D- awaiting CWR.</p>
4	Key conversations	<p>Caltrans met with ABF and ZPMC at 1330 to discuss issues related to fabrication:</p> <p>ABF gave Caltrans the calibration records requested from Wuxi Boiler. However, they are written in Mandarin and ZPMC will translate. ZPMC had questions about the sequence of drilled holes on the OBG Stiffener - ZPMC to check the approved Fabrication Procedures and revise</p>

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if necessary.

ZPMC would like to begin using CWIs that have received notification from AWS of the test results, but have not received the certifications. Caltrans stated that the AWS website documentation of the results could be submitted for approval with the actual certifications to follow.

ABF delivered a draft revision for crack repairs for discussion.

QA asked about the identification of UT rejects on the Skin A stiffeners.

The location of defects and pertinent information to perform the repairs was missing. ABF will address with ZPMC.

5	Quality Assurance Inspectors per shift	4 Day Shift (Acuna, Brannon, Dixon, Franco)
		2 Swing Shift (Smith, Viars)
		1 Graveyard Shift (Hasler)

Inspected By:	McClary,David
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Quality Assurance Inspector

Reviewed By:	Lowry,Patrick
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QA Reviewer
